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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/606,454	06/26/2003	Brian M. Kerrigan	RPS920030049US1	2960
47052	7590	04/06/2006	EXAMINER	
SAWYER LAW GROUP LLP			BUI, HUNG S	
PO BOX 51418			ART UNIT	
PALO ALTO, CA 94303			PAPER NUMBER	

2841

DATE MAILED: 04/06/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.		Applicant(s)	
	10/606,454		KERRIGAN ET AL.	
	Examiner		Art Unit	
	Hung S. Bui		2841	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 January 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1,3,4,6-11,13,14 and 16-25 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1, 8, 10-11, 18, 20-21, 23 and 25 is/are rejected.
- 7) ☒ Claim(s) 3,4,6,7,9,13,14,16,17,19,22 and 24 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1, 8, 10-11, 18, 20-21, 23 and 25 are rejected under 35 U.S.C. 102(b) as being anticipated by Hoyle, Jr. et al. [US 6,115,258].

Regarding claims 1 and 10, Hoyle, Jr. et al. disclose a dual motion docking apparatus for docking a central electronics console to a component board in a chassis (figures 3, 6 and 8), the dual motion docking apparatus comprising;

- a first docking mechanism for slidably inserting the electronics console into the chassis in a first direction (220, figure 3), such that connectors (154, figure 6) on the electronics console align with connectors (152, figure 8) on the component board; and
- a second docking mechanism for moving the electronics console towards the component board in a second direction (222, figure 3), such that the electronics console connectors engage the component board connectors, thereby enabling the blind docking between the electronics console and the component board, wherein the second direction is orthogonal to the first direction (figure 3).

Regarding claim 8, Hoyle, Jr. et al. further disclose wherein the electronics console further includes retractable lateral support member (159) in a side opposite the component board (figure 3), wherein when the electronics console is in an undocked position, the lateral support members are retracted within the side of the electronics console, and when the electronics console is in a final docked position, the lateral support members extend from the side to restrain the electronics console both vertical and horizontally (figures 3, 6 and 8).

Regarding claim 23, Hoyle, Jr. et al. disclose wherein the second docking mechanism comprises:

- a handle (214) extending from a front of the electronics console (figure 3); and
- a cam mechanism (218), the cam mechanism having a portion that is held immobile by a docking base, wherein after the electronics console is slid into the chassis, the handle is pushed reward by hand to actuate the cam mechanism, which then pulls the electronics console toward the component board (abstract).

Regarding claims 11, 18, 21, 24 and 25, the method steps are inherit in the product structure.

Allowable Subject Matter

3. Claims 3-4, 6-7, 9, 13-14, 16-17, 19, 22 and 24 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in

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independent form including all of the limitations of the base claim and any intervening claims.

4. The following is a statement of reasons for the indication of allowable subject matter: the cited of reference in combination with the prior art of record fail to teach or suggest the dual docking mechanisms with a sliding plate including a longitudinal male member that engages with a longitudinal female member on a docking base, such that one cam extends through one pair of aligned cam tracks.

Response to Arguments

5. Applicant's arguments with respect to claims 1, 3-4, 6-11, 13-14 and 16-25 have been considered but are moot in view of the new ground(s) of rejection.

Conclusion

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Byrne et al. [US 6,845,015] disclose a system for replacing a component in a chassis.

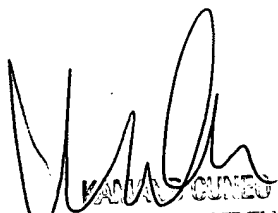
7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Hung S. Bui whose telephone number is (571) 272-2102. The examiner can normally be reached on Monday-Friday 8:30AM-6:00PM.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kamand Cuneo can be reached on (571) 272-1957. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

3/28/06
Hung Bui
Art Unit 2841


KAMAND CUNEO
SUPERVISORY PATENT EXAMINER
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